

IN THE ABSTRACT:

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ABSTRACT

Increased fibrinogen yields are obtained by adding a precipitating agent to plasma having a high platelet concentration, such as platelet rich plasma. The precipitating agent may be any of several known agents, including polyethylene glycol and ammonium sulfate. The platelet rich plasma is obtained in the preferred embodiment by subjecting plasma to "soft spin" centrifugation of about 580G. An automatic, multiple decanting and multiple-speed centrifuge is preferably used to separate anti-coagulated whole blood into the platelet rich plasma component and red blood cells. The proteins, preferably fibrinogen, FXIII, and FVIII, in the platelet rich component are precipitated, and the proteins and platelets are then concentrated by further centrifugation.